

In the Claims

Claims 1 and 37 have been amended as follows:

1. (Currently Amended) A microplate, comprising:
a frame including a plurality of wells formed therein, each well including:
a first well having a relatively small reservoir with a substantially concaved bottom; and
a second well having a relatively large reservoir, wherein said first well is not entirely located
within said second well nor is said first well entirely located outside of said second well nor is said first well
entirely located around a perimeter of said second well but instead said first well and in particular the small
reservoir has a portion ~~of which~~ that overlaps a portion of the large reservoir of said second well.

Claims 2-4 (Canceled)

5. (Previously Presented) The microplate of Claim 1, wherein said frame has a footprint sized to
be handled by a robotic handling system.

6. (Previously Presented) The microplate of Claim 1, wherein each well is positioned on said
frame such that a liquid handling system can automatically deposit a sample solution into said first well and
can automatically deposit a reagent solution into said second well.

7. (Original) The microplate of Claim 1, further comprising a seal that is positioned over said
plurality of wells.

8. (Original) The microplate of Claim 1, wherein said microplate is manufactured from cyclo-
olefin.

9. (Original) The microplate of Claim 1, wherein said frame and said plurality of wells form a multi
well high-throughput protein crystallography plate.

Claims 10-36 (Canceled)

37. (Currently Amended) A protein crystallography plate, comprising:
a frame made from cyclo-olefin that includes a plurality of wells formed therein, each well is also made from cyclo-olefin and includes:

a first well including a relatively small reservoir having a substantially concaved bottom for receiving a protein solution and a reagent solution; and

a second well including a relatively large reservoir for receiving a reagent solution that has a higher concentration than the reagent solution within said first well, wherein the protein solution and the reagent solution within said first well interact with the reagent solution within said second well via a vapor diffusion process which enables the formation of protein crystals within said first well, wherein said first well is not entirely located within said second well nor is said first well entirely located outside of said second well nor is said first well entirely located around a perimeter of said second well but instead said first well and in particular the small reservoir has a portion of which that overlaps a portion of the large reservoir of said second well.

Claims 38-40 (Canceled)

41. (Previously Presented) The protein crystallography plate of Claim 37, wherein said frame has a footprint sized to be handled by a robotic handling system.

42. (Previously Presented) The protein crystallography plate of Claim 37, wherein each well is positioned on said frame such that a liquid handling system can automatically deposit the protein solution and the reagent solution into said first well and can automatically deposit the reagent solution into said second well.

Claims 43-54 (Canceled)